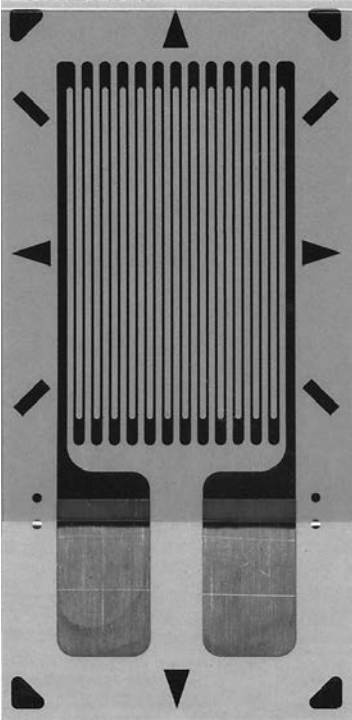
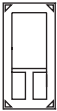

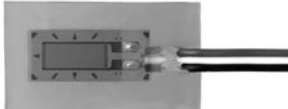



General Purpose Strain Gages – Linear Pattern

| GAGE PATTERN DATA | | | | | |
|--|-----------------------|--|----------------------|--|--|
|  | | <p>GAGE DESIGNATION See Notes 1, 2</p> | | <p>RESISTANCE (OHMS) See Note 3</p> | <p>OPTIONS AVAILABLE</p> |
| | | <p>CEA-XX-250UW-120 CEA-XX-250UW-175 CEA-XX-250UW-350 CEA-XX-250UW-10C W2A-XX-250UW-120 W2A-XX-250UW-175 W2A-XX-250UW-350 W2A-XX-250UW-10C</p> | | <p>120 ±0.3% 175 ±0.3% 350 ±0.3% 1000 ±0.3% 120 ±0.6% 175 ±0.6% 350 ±0.6% 1000 ±0.6%</p> | <p>P2, SP35 P2, SP35 P2, SP35 P2, SP35</p> |
|  <p>actual size</p> | | <p>DESCRIPTION</p> <p>General-purpose gage. Exposed solder tab area 0.10 x 0.07 in (2.5 x 1.8 mm). See also 250UN pattern.</p> | | |  <p>Available RoHS* COMPLIANT</p> |
| | | <p>Legend</p> <p>ES = Each Section CP = Complete Pattern S = Section (S1 = Section 1) M = Matrix</p> | | | <p>inch millimeter</p> |
| GAGE DIMENSIONS | | | | | |
| Gage Length | Overall Length | Grid Width | Overall Width | Matrix Length | Matrix Width |
| 0.250 | 0.450 | 0.180 | 0.180 | 0.55 | 0.27 |
| 6.35 | 11.43 | 4.57 | 4.57 | 14.0 | 6.9 |

| GAGE SERIES DATA — See Gage Series datasheet for complete specifications | | | |
|---|---|--------------|----------------------------------|
| Series | Description | Strain Range | Temperature Range |
| CEA | Universal general-purpose strain gages. | ±5% | -100° to +350°F (-75° to +175°C) |
| W2A IPX8S Rated | For water-exposure applications. Based on the CEA Series with Option P2 pre-attached cables, W2A strain gages are fully enclosed with a silicone rubber coating and tested to 10 GΩ insulation resistance, 1 meter water depth, 30 minutes duration. Other requirements can be addressed on demand. | ±3% | -60° to +180°F (-50° to +80°C) |



Example of the W2A construction:
IPX8S Rated



Note 1: Insert desired S-T-C number in spaces marked XX.

Note 2: W2A leadwires are attached with lead-free solder and are RoHS compliant.

* CEA gages with Option P2 are not RoHS compliant.

Technical Data References: SEARCH our website using the document number.

11506 – Gage Series; **11507** – Optional Features

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